

ATTACHMENT C



Microbac

Microbac Laboratories, Inc.

Bradford Division

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INDOOR AIR QUALITY SURVEY

At


**Unicor F.C. I. McKean
Rt. 59 and Big Shanty Road
Lewis Run, PA 16738**

Work Order No.: 9931-444

Date of Sampling: July 31, 2001

Performed For: Unicor Factory

Report Reviewed By:


April C. Lang
Laboratory Director



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SUMMARY

At the request of Roger Reinard of Unicom F.C. I. McKean, an Indoor Air Quality Survey was performed in the Unicom Factory on July 31, 2001. The sampling was performed from 7:00 a.m. until 3:45 p.m. The reason for the sampling was an OSHA complaint regarding dust in the air at the facility.

The sampling parameters requested were total and respirable particulates. The collection media was matched weight filter and the analysis method was NIOSH 0500 for total particulates and NIOSH 0600 for respirable particulates.

Two field technicians, April Lang and Mike Francis, arrived at the facility at 0600 hours and proceeded to the Unicom Factory. After consultation with the staff it was decided to set up the pumps and air sampling equipment at the following sites:

- Router Station
- Large Panel Saw Area
- CNC Machine Area
- Radial Arm Saw Area
- Week Point to Point Machine Area
- Edge Bander Area

The pumps were set up and testing began between 0730 and 0745 hours such that eight hours was achieved for the total sampling time at each area. At this time one of the field technicians, April Lang, left the site and Mike Francis remained on site to check the status of the equipment and filters during the testing. The pumps and filters were disassembled between 1530 and 1545 hours and the field technician left the premises.

Results can be found on the attached Certificate of Analysis. The OSHA standard for Total Particulates/Nuisance Dust is 15 mg/cubic meter and 5.0 mg/cubic meter for Respirable Particulates/Respirable Nuisance Dust. As per our report none of the samples exceeded these limits.

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UNICOR F.C.I. MCKEAN

P.O. BOX 5000

BRADFORD

PA 16701

Date Reported 8/13/01

Date Received 7/31/01

Order No 9931-00444

Invoice No 008032

Cust # F009

Sampled Date 7/31/01

Sampled Time 00:00

Sample Id

Permit No

Cust P.O. 4700046491

Subject: PARTICULATE IN AIR TESTING, 7/31/01

| TEST | METHOD | RESULT | UNITS | DATE | TECH |
|------|--------|--------|-------|------|------|
|------|--------|--------|-------|------|------|

ROUTER STATION - TOTAL PARTICULATES, 0730 - 1530 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, TOTAL

NIOSH 0500

| | | |
|----------------|---------|------------|
| MPP | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| MATCHED WEIGHT | 7/31/01 | FILTER |
| MPP | 7/31/01 | MPP |
| 9931-444-1 | 7/31/01 | MPP |
| 7/31/01 | 7/31/01 | MPP |
| 480 | 7/31/01 | MINUTES |
| 3.0 | 7/31/01 | LITERS/MIN |
| 1440 | 7/31/01 | LITERS |
| <0.2 | 8/09/01 | MG/M3 |

ROUTER STATION - RESPIRABLE PARTICULATES, 0730 - 1530 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

UNP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, RESPIRABLE

NIOSH 0600

| | | |
|----------------|---------|------------|
| MPP | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| MATCHED WEIGHT | 7/31/01 | FILTER |
| MPP | 7/31/01 | MPP |
| 9931-444-2 | 7/31/01 | MPP |
| 7/31/01 | 7/31/01 | MPP |
| 480 | 7/31/01 | MINUTES |
| 1.7 | 7/31/01 | LITERS/MIN |
| 316 | 7/31/01 | LITERS |
| <0.4 | 8/09/01 | MG/M3 |

Certificate Of Analysis Continued On Next Page

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Date Reported 8/13/01
 Date Received 7/31/01
 Order No 9931-00444
 Invoice No 00S032
 Cust # F009
 Sampled Date 7/31/01
 Sampled Time 00:00
 Sample Id

Permit No
 Cust P.O. 4700046491

Subject: PARTICULATE IN AIR TESTING, 7/31/01

| TEST | METHOD | RESULT | UNITS | DATE | TECH |
|------|--------|--------|-------|------|------|
|------|--------|--------|-------|------|------|

LARGE PANEL SAW AREA - TOTAL PARTICULATES, 0733 - 1533 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, TOTAL

NIOSH 0500

| | | |
|----------------|---------|-----|
| MPP | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| MATCHED WEIGHT | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| 9931-444-3 | 7/31/01 | MPP |
| 7/31/01 | 7/31/01 | MPP |
| 480 | 7/31/01 | MPP |
| 3.0 | 7/31/01 | MPP |
| 1440 | 7/31/01 | MPP |
| 0.3 | 8/09/01 | ERI |

LARGE PANEL SAW AREA - RESPIRABLE PARTICULATES, 0733 - 1533 HRS.

PARTICULATES, RESPIRABLE

NIOSH 0600

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

| | | |
|----------------|---------|-----|
| <0.4 | 8/09/01 | ERI |
| MPP | 7/31/01 | MPP |
| MATCHED WEIGHT | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| 9931-444-4 | 7/31/01 | MPP |
| 7/31/01 | 7/31/01 | MPP |
| 480 | 7/31/01 | MPP |
| 1.7 | 7/31/01 | MPP |
| 816 | 7/31/01 | MPP |

Certificate Of Analysis Continued On Next Page

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Permit No

Cust P.O. 4700046491

Subject: PARTICULATE IN AIR TESTING, 7/31/01

Date Reported 8/13/01
Date Received 7/31/01
Order No. 9931-00444
Invoice No 008032
Cust # F009
Sampled Date 7/31/01
Sampled Time 00:00
Sample Id

| TEST | METHOD | RESULT | UNITS | DATE | TECH |
|------|--------|--------|-------|------|------|
| | | | | | |

CNC MACHINE AREA - TOTAL PARTICULATES, 0736 - 1536 HRS.

AIR TEST INFORMATION

SAMPLED BY:

ING MEDIA

OPERATOR

TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, TOTAL

NIOSH 0500

| | | | |
|---------------|------------|---------|-----|
| | MPF | 7/31/01 | MPF |
| | MPF | 7/31/01 | MPF |
| ATCHED WEIGHT | FILTER | 7/31/01 | MPF |
| | MPF | 7/31/01 | MPF |
| 9931-444-5 | | 7/31/01 | MPF |
| 7/31/01 | | 7/31/01 | MPF |
| 480 | MINUTES | 7/31/01 | MPF |
| 3.0 | LITERS/MIN | 7/31/01 | MPF |
| 1440 | LITERS | 7/31/01 | MPF |
| <0.2 | MG/M3 | 8/09/01 | ERI |

CNC MACHINE AREA - RESPIRABLE PARTICULATES, 0736 - 1536 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, RESPIRABLE

NIOSH 0600

| | | | |
|----------------|------------|---------|-----|
| | | 7/31/01 | MPF |
| MPF | | 7/31/01 | MPF |
| WATCHED WEIGHT | FILTER | 7/31/01 | MPF |
| MPF | | 7/31/01 | MPF |
| 9931-444-6 | | 7/31/01 | MPF |
| 7/31/01 | | 7/31/01 | MPF |
| 480 | MINUTES | 7/31/01 | MPF |
| 1.7 | LITERS/MIN | 7/31/01 | MPF |
| 816 | LITERS | 7/31/01 | MPF |
| <0.4 | MG/M3 | 8/02/01 | ERI |

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| | |
|---------------|------------|
| Date Reported | 8/13/01 |
| Date Received | 7/31/01 |
| Order No | 9931-00444 |
| Invoice No | 008032 |
| Cust # | P009 |
| Sampled Date | 7/31/01 |
| Sampled Time | 00:00 |
| Sample Id | |

Permit No
Cust P.O. 4700046491

Subject: PARTICULATE IN AIR TESTING, 7/31/01

| TEST | METHOD | RESULT | UNITS | DATE | TECH |
|------|--------|--------|-------|------|------|
|------|--------|--------|-------|------|------|

RADIAL ARM SAW AREA - TOTAL PARTICULATES, 0737 - 1537 HRS.

AIR TEST INFORMATION

SAMPLED BY:
SAMPLING MEDIA
OPERATOR
FILTER/TUBE NUMBER
SAMPLING DATE
SAMPLING TIME
FLOW RATE
VOLUME OF AIR SAMPLED
PARTICULATES, TOTAL

| | | | |
|----------------|------------|---------|-----|
| | MPF | 7/31/01 | MPF |
| | MPF | 7/31/01 | MPF |
| MATCHED WEIGHT | FILTER | 7/31/01 | MPF |
| | MPF | 7/31/01 | MPF |
| 9931-444-7 | | 7/31/01 | MPF |
| 7/31/01 | | 7/31/01 | MPF |
| 480 | MINUTES | 7/31/01 | MPF |
| 3.0 | LITERS/MIN | 7/31/01 | MPF |
| 1440 | LITERS | 7/31/01 | MPF |
| 0.2 | MG/M3 | 8/09/01 | ERI |

NIOSH 0500

RADIAL ARM SAW AREA - RESPIRABLE PARTICULATES, 0737 - 1537 HRS.

AIR TEST INFORMATION

SAMPLED BY:
SAMPLING MEDIA
PUMP OPERATOR
FILTER/TUBE NUMBER
SAMPLING DATE
SAMPLING TIME
FLOW RATE
VOLUME OF AIR SAMPLED
PARTICULATES, RESPIRABLE

| | | | |
|----------------|------------|---------|-----|
| | MPF | 7/31/01 | MPF |
| | MPF | 7/31/01 | MPF |
| MATCHED WEIGHT | FILTER | 7/31/01 | MPF |
| | MPF | 7/31/01 | MPF |
| 9931-444-8 | | 7/31/01 | MPF |
| 7/31/01 | | 7/31/01 | MPF |
| 480 | MINUTES | 7/31/01 | MPF |
| 1.7 | LITERS/MIN | 7/31/01 | MPF |
| 816 | LITERS | 7/31/01 | MPF |
| <0.4 | MG/M3 | 8/09/01 | ERI |

NIOSH 0600

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Date Reported 8/13/01
Date Received 7/31/01
Order No 9931-00444
Invoice No 008032
Cust # F009
Sampled Date 7/31/01
Sampled Time 00:00
Sample IdPermit No
Cust P.O. 4700046491

Subject: PARTICULATE IN AIR TESTING, 7/31/01

| TEST | METHOD | RESULT | UNITS | DATE | TECH |
|------|--------|--------|-------|------|------|
|------|--------|--------|-------|------|------|

WEEKE POINT TO POINT - TOTAL PARTICULATES, 0745 - 1545 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, TOTAL

NIOSH 0500

| | | |
|----------------|---------|-----|
| MPP | 7/31/01 | MPP |
| MATCHED WEIGHT | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| 9931-444-9 | 7/31/01 | MPP |
| 7/31/01 | 7/31/01 | MPP |
| 480 | 7/31/01 | MPP |
| 3.0 | 7/31/01 | MPP |
| 1440 | 7/31/01 | MPP |
| <0.2 | 8/09/01 | ERI |

WEEKE POINT TO POINT - RESPIRABLE PARTICULATES, 0745 - 1545 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, RESPIRABLE

NIOSH 0600

| | | |
|----------------|---------|-----|
| MPP | 7/31/01 | MPP |
| MATCHED WEIGHT | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| 9931-444-10 | 7/31/01 | MPP |
| 7/31/01 | 7/31/01 | MPP |
| 480 | 7/31/01 | MPP |
| 1.7 | 7/31/01 | MPP |
| 816 | 7/31/01 | MPP |
| <0.4 | 8/09/01 | ERI |

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Date Reported 8/13/01
Date Received 7/31/01
Order No 9931-00444
Invoice No 008032
Cust # F009
Sampled Date 7/31/01
Sampled Time 00:00
Sample IdPermit No
Cust P.O. 4700046491

Subject: PARTICULATE IN AIR TESTING, 7/31/01

| TEST | METHOD | RESULT | UNITS | DATE | TECH |
|------|--------|--------|-------|------|------|
|------|--------|--------|-------|------|------|

1 EDGE BANDER - TOTAL PARTICULATES, 0735 - 1535 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, TOTAL

NIOSH 0500

| | | |
|----------------|---------|-----|
| MPP | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| MATCHED WEIGHT | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| 9931-444-11 | 7/31/01 | MPP |
| 7/31/01 | 7/31/01 | MPP |
| 480 | 7/31/01 | MPP |
| 3.0 | 7/31/01 | MPP |
| MINUTES | 7/31/01 | MPP |
| LITERS/MIN | 7/31/01 | MPP |
| 1440 | 7/31/01 | MPP |
| LITERS | 7/31/01 | MPP |
| <0.2 | 8/09/01 | ERT |

EDGE BANDER - RESPIRABLE PARTICULATES, 0735 - 1535 HRS.

AIR TEST INFORMATION

SAMPLED BY:

SAMPLING MEDIA

PUMP OPERATOR

FILTER/TUBE NUMBER

SAMPLING DATE

SAMPLING TIME

FLOW RATE

VOLUME OF AIR SAMPLED

PARTICULATES, RESPIRABLE

NIOSH 0600

| | | |
|----------------|---------|-----|
| MPP | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| MATCHED WEIGHT | 7/31/01 | MPP |
| MPP | 7/31/01 | MPP |
| 9931-444-12 | 7/31/01 | MPP |
| 7/31/01 | 7/31/01 | MPP |
| 480 | 7/31/01 | MPP |
| 1.7 | 7/31/01 | MPP |
| MINUTES | 7/31/01 | MPP |
| LITERS/MIN | 7/31/01 | MPP |
| 816 | 7/31/01 | MPP |
| LITERS | 7/31/01 | MPP |
| <0.4 | 8/09/01 | ERT |

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PA 16701

 Date Reported 8/13/01
 Date Received 7/31/01
 Order No 9931-00444
 Invoice No 008032
 Cust # 1009
 Sampled Date 7/31/01
 Sampled Time 00:00
 Sample Id

 Permit No
 Cust P.O. 4700046491

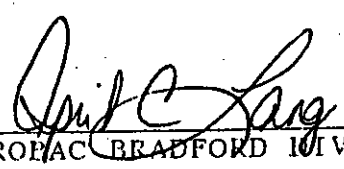
Subject: PARTICULATE IN AIR TESTING, 7/31/01

| TEST | METHOD | RESULT | UNITS | DATE | TECH |
|--------------------------------------|--------|--------|-------|------|------|
| TECHNICIAN TIME TECHNICIAN CHARGE | | | | | |

TECHNICIAN TIME

TECHNICIAN CHARGE

 ANALYSES BY PA LABS: 42-060
 25-067


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